

ABSTRACT OF THE DISCLOSURE

5 A temperature sensor is comprised of a device adapted to provide a first signal having a parameter responsive to temperature. A generator provides a reference signal having a parameter that is substantially consistent over a preselected temperature range. A comparator is electrically coupled to the device and the generator and is adapted to provide a second signal in response to the parameter of the first signal differing from the parameter of the reference signal. A digital filter is coupled to the comparator and is adapted to provide a third signal in response to receiving the second signal for a preselected duration of time.